### Appendix A

## Annotated Flood Hazard Development Application & Permits Coastal E Model

# Flood Hazard Development Permit Application & Permit Forms

# For Communities with Coastal Velocity Zones [60.3(e)]

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This document was prepared by the Maine Floodplain Management Program State Planning Office 38 State House Station 184 State Street Augusta, Maine 04333-0038

Phone (207) 287-8050

### FLOOD HAZARD DEVELOPMENT APPLICATION

# Community Name, Maine (All applicants must complete entire application)

Application is hereby made for a Flood Hazard Development Permit as required under Article II of the Floodplain Management Ordinance of *Community Name*, Maine, for development as defined in said ordinance. This permit application does not preclude the need for other municipal permit applications. [Article II, also, NFIP Reg. Part 60.3(a)(1)]

Owner:	Article III.A.		Address: _	<u>A</u>	Article III.A.
Phone No.:	Article III.A.				
Applicant: <i>A</i>	article III.A.		Address: _	<u>A</u>	Article III.A.
Phone No.:	Article III.A.				
Contractor:	Article III.A.		Address: _		Article III.A.
Phone No.:	Article III.A.				
LEGAL DESCRIPT	ΓΙΟΝ				
Is this part of a subdi	ivision? □ Yes □ N	To If yes, give the name	e of the subd	ivision a	nd lot number:
Subdivisions	: <u>Recommended but r</u>	not required by FPMO	Lot #: _	<u>Same</u>	
Гах Мар: <u>Мар requi</u>	red in Article III.B. is	s not necessarily a Tax M	<i><u>Iap</u></i> Lot #: _		
Address: <u>Arti</u> Stre	<i>cle III.B.</i> eet/Road Name				
Zip Code: <u>Artic</u> Tov	<i>cle III.B.</i> wn/Zip Code				
General explanation of	of proposed developm	nent: <u>Article III.D</u>			
Estimated Value of P	roposed Developmer	nt:		<u>Improve</u>	III.E. [Necessary to administer Substantial ement requirements or Accessory Structure
threshold <u>threshold</u> Proposed Lowest Floor elevation [for new or substantially improved structure]: <u>Article III.H.3.</u>					
OTHER PERMITS					
	quired from State or F yes, are these other pe	Federal jurisdictions?		□ No	□ Not Applicable
Development A	ct, Metallic Mineral		Exploration	and Mini	esource Protection Act, Site Location of ing; USACE/Section 9 &10 of the Rivers Commission.
SEWER AND WAT	ER				
Sewage Disposal:	☐ Public☐ Existing		<i>I.F., Article</i> Not Applicab		., and NFIP Reg. Part 60.3(a)(6)]
Water Supply:	☐ Public	☐ Private [Article III.	.F Article V	<sup>7</sup> I.B., and	1 NFIP Reg. Part 60.3(a)(5)]

A - 3

LOCATION (This section to be comple	ted by Municipal Official)			
Flooding Source (name of river, pond, ocean, etc.): <u>Recomme</u>	ended but not required by FPMO			
☐ V1-30 Zone ☐ VE Zone ☐ AE Zone ☐ A1-30 Zone ☐ A Z ☐ FRINGE ☐ FLOODWAY (2 width of floodplain in A Zone				
Base Flood Elevation (bfe) at the site NGVD [Required for ]	New Construction or Substantial Improvement]			
Lowest floor elevation of proposed or existing structure NGV	VD [Required for New Construction or Substantial Improvement]			
If proposed development is in an AE or A1-30 Zone and cross section reference letter and elevation of base flood at a				
Cross Section Letter Base Flood Elevation Above Site Below Site Below Site				
Basis of unnumbered A Zone bfe determination: [Article V.B., also				
☐ From a Federal Agency: ☐ USGS ☐ USDA/NRCS ☐ USACE ☐ Other				
☐ Highest Known Water Level ☐ Other (Explain)	r			
VALUE				
If the development involves work on an existing structure, enter the <b>Market Value</b> of existing structure before improvements: \$Needed to administer Substantial Improvement requirements of Article VI.				
☐ New Construction or Substantial Improvement ☐ Minor improvement or minor addition to existing development				
TYPE OF DEVELOPMENT [Article III.D., also Article XIII Definition of Development] Check the appropriate box to the left of the type(s) of development requested and complete information for each applicable line:				
☐ 1. Residential Structure Dimensions	Cubic Yards  ☐ 7. Filling <sup>1</sup>			
☐1a. New Structure ☐1b. Add to Structure	□ 8. Dredging			
☐1c. Renovations/repairs/maintenance☐ 2. Non-Residential Structure	□ 9. Excavation			
□2a. New Structure	□ 11. Drilling			
☐2b. Add to Structure	Number of Acres  □ 12. Mining			
□2d. Floodproofing	☐ 13. Dam: Water surface to be created			
☐ 3. Accessory Structure ☐ 4. Functionally Dependent Use:	☐ 14. Water Course Alteration [Article III.L., also NFIP Reg 60.3(b)(6)]			
□4a. Dock	<b>Note:</b> Detailed description must be attached with copies of all			
□4b. Pier	applicable notifications, state and federal permits.			
□4c. Boat Ramp	<ul><li>□ 15. Storage of equipment or materials</li><li>□ 16. Sewage Disposal System</li></ul>			
□ 5. Paving	☐ 17. Water Supply System			
☐ 6. Conditional Use (Lobster/Fish Shed seaward of mean high tide)	□ 18. Other: Explain			
<b>Note:</b> Conditional Use requires add'l. information due to specific standards, public hearing, and Planning Board review.				

<sup>&</sup>lt;sup>1</sup> Certain prohibitions apply in Velocity Zones

#### Attach a Site Plan – Drawn to scale with north arrow. [Article III.C.]

- Show property boundaries, floodway, and floodplain lines.
- Show dimensions of the lot.
- Show dimensions and location of existing and/or proposed development on the site.
- Show areas to be cut and filled.

Attach Statement – describing in detail how each applicable development standard in Article VI will be met. [Article III.M.]

#### For New Construction or Substantial Improvement also show:

- Existing and proposed grade elevations adjacent to the walls of the structure done by a Professional land Surveyor, Architect, or Engineer.
- Location and elevation of temporary elevation reference marks on the site.

#### **Special Note:**

**Substantial Improvement** is defined as any reconstruction, rehabilitation, addition or other improvement of a structure, the cost of which equals or exceeds 50 percent of the market value of the structure before the start of construction of the improvement. Please refer to the floodplain management ordinance, Article XIV, for more complete definitions of New Construction and Substantial Improvement.

**Structures in Velocity Zones** are not permitted on fill or excavations. Structures must be built on open foundation systems, i.e., columns, piles, posts. Certification of structural design, specifications, plans and construction methods completed by a Professional Engineer or Architect shall accompany the application as required in Article VI.L.3. of the floodplain management ordinance. [Article VI.P.]

#### The applicant understands and agrees that:

- The permit applied for, if granted, is issued on the representations made herein;
- Any permit issued may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- Any permit issued on this application will not grant any right or privilege to erect any structure or sue any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The applicant hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain management Ordinance;
- If issued, the permit form will be posted in a conspicuous place on the premises in plain view; and,
- If issued, the permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this application are a true description of the existing property and the proposed development project.

Owner: <u>Recommended</u>	but not required by FPMO		_ Date:	Recommended but not required by FPMO
	Signature			
or	-			
Authorized Agent:	Recommended but not requi Signature	red by FPMO	Date:	Recommended but not required by FPMO
[Article IV & V]	(This section to be	completed by Municipal	Official)	
Date: Submitted	; Fee Paid	; Reviewed by CEO _		; Reviewed by Planning Board
Permit #	Issued by		D	ate

# FLOOD HAZARD DEVELOPMENT PERMIT PART I

### Community Name, Maine

(For New Construction or Substantial Improvements)

For New Construction or Substantial Improvement of any structure, this Flood Hazard Development Permit allows construction only up to the establishment of the lowest floor. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance. Once the lowest floor is established, the permittee must provide an Elevation Certificate establishing the as built lowest floor elevation. When the Code Enforcement Officer finds the documentation in the Elevation Certificate to be in compliance with the Floodplain Management Ordinance, the Part II Flood Hazard Development Permit shall be issued. The Part II Permit must be issued in order for construction to continue. [Article V.F.1.]

A Part I Flood Hazard Development Permit is hereby issued as poof Community Name, Maine, for development as defined in said		ticle V.F. of the Floodplain Management Ordinance
Tax Map: Lot #: [Recommended but not required by FPMO]		
Project Description:		
[Recommended but not required by FPMO]		
The permittee understands and agrees that:		
<ul> <li>The permit is issued on the representations made herein and</li> <li>The permit may be revoked because of any breach of represe</li> <li>Once a permit is revoked all work shall cease until the permit</li> <li>The permit will not grant any right or privilege to erect any smanner prohibited by the ordinances, codes, or regulations o</li> <li>The permittee hereby gives consent to the Code Enforcementhe Floodplain Management Ordinance;</li> <li>The permit form will be posted in a conspicuous place on the</li> <li>The permit will expire if no work is commenced within 180</li> <li>I hereby certify that all the statements in, and in the attachments in proposed development project.</li> </ul>	entation; it is reissued or a structure or use an of the municipality at Officer to enter e premises in plai days of issuance.	new permit is issued; ny premises described for any purposes or in any y; and inspect activity covered under the provisions of in view; and,
Owner: <u>Recommended but not required by FPMO</u> Signature or	Date:	Recommended but not required by FPMO
Authorized Agent: <u>Recommended but not required by FPMO</u> Signature	Date:	Recommended but not required by FPMO
Issued by:Recommended but not required by FPMO	Date:	Recommended but not required by FPMO

### FLOOD HAZARD DEVELOPMENT PERMIT **PART II**

# Community Name, Maine (For completion of New Construction or Substantial Improvements)

The following information has been submitted and found compliant with the Development Standards of the Floodplain Management

Ordina	nce:			
	FEMA Elevation Certificate Form 81-31 [Article V.F.1.]			
For co	nstruction in Zones V1-30 and VE only:			
	Review of the structural design, specifications, plans, and construction methods by a Professional Engineer or Architect certifying that they meet or exceed the technical criteria contained in the FEMA/Coastal Construction Manual and are in accordance with accepted standard of practice for meeting the criteria of Article VI.P.2. [Article VI.P.2&3.]			
	II Flood Hazard Development Permit is hereby issued as provided unmunity Name, Maine, for development as defined in said ordinance.			
Tax Ma [Recon	ap: Lot #: nmended but not required by the FPMO]			
The pe	ermittee understands and agrees that:			
<ul> <li>Th</li> <li>On</li> <li>Th</li> <li>ma</li> <li>Th</li> <li>the</li> <li>Th</li> <li>Th</li> </ul>	the permit is issued on the representations made herein and on the elevate permit may be revoked because of any breach of representation; ance a permit is revoked all work shall cease until the permit is reissue the permit will not grant any right or privilege to erect any structure of anner prohibited by the ordinances, codes, or regulations of the munical permittee hereby gives consent to the Code Enforcement Officer to be Floodplain Management Ordinance; the permit form will be posted in a conspicuous place on the premises the permit will expire if no work is commenced within 180 days of issue y certify that all the statements in, and in the attachments to this permit development project.	ed or a new permit is issued; r use any premises described for any purposes or in any cipality; o enter and inspect activity covered under the provisions o in plain view; and, uance.		
Owner	: <u>Recommended but not required by the FPMO</u> Signature	Date: <u>Recommended but not required by the FPMC</u>		
Author	rized Agent: <u>Recommended but not required by the FPMO</u> Signature	Date: <u>Recommended but not required by the FPMO</u>		
Issued	by: <u>Recommended but not required by the FPMO</u>	Date: <u>Recommended but not required by the FPMO</u>		
Permit	#: Recommended but not required by the FPMO			

#### FLOOD HAZARD DEVELOPMENT PERMIT

# For Minor Development Community Name, Maine

(For Development not considered a Substantial Improvement)

This Flood Hazard Development Permit allows minor development as provided in Article V.F.3. of the Floodplain Management Ordinance of Community Name, Maine, for development in a Special Flood Hazard Area as defined in said ordinance. Development authorized by this permit must be adequately anchored to prevent flotation, collapse, or lateral movement resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy, be constructed with materials resistant to flood damage and be constructed by methods and practices that minimize flood damage. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

Tax Map: Lot #: [Recommended but not required by the FPMO]	
Project Description:	
The permittee understands and agrees that:	
<ul> <li>The permit is issued on the representations made herein and on the application.</li> <li>The permit may be revoked because of any breach of representation;</li> <li>Once a permit is revoked all work shall cease until the permit is reissued or</li> <li>The permit will not grant any right or privilege to erect any structure or use manner prohibited by the ordinances, codes, or regulations of the municipality.</li> <li>The permittee hereby gives consent to the Code Enforcement Officer to enter the Floodplain Management Ordinance;</li> <li>The permit form will be posted in a conspicuous place on the premises in place.</li> <li>The permit will expire if no work is commenced within 180 days of issuance.</li> <li>I hereby certify that all the statements in, and in the attachments to this permit are proposed development project.</li> </ul>	a new permit is issued; any premises described for any purposes or in any ity; er and inspect activity covered under the provisions of ain view; and, ee.
Owner:Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Authorized Agent:Recommended but not required by the FPMO Signature	Date: Recommended but not required by the FPMO
Issued by:Recommended but not required by the FPMO	Date: Recommended but not required by the FPMO

Permit #: <u>Recommended but not required by the FPMO</u>

#### FLOOD HAZARD DEVELOPMENT PERMIT

# For Conditional Use Community Name, Maine

This Flood Hazard Development Permit allows new construction or substantial improvement of any structure which has been reviewed and approved, or approved with conditions, by the Planning Board as a Conditional Use, only as provided for in the Floodplain Management Ordinance of Community Name, Maine, and pursuant to Article VII of the Ordinance. Development authorized by this permit must meet the conditional use requirements specified in Article VI.P.7. of the Ordinance. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance.

	Lot #: tnot required by the FPMO1	
Project Description [Recommended but	n: t not required by the FPMO]	
Project Condition(s [Recommended but	s):t not required by the FPMO1	
The permittee und	derstands and agrees that:	
<ul> <li>The permit ma</li> <li>Once a permit</li> <li>The permit will manner prohib</li> <li>The permittee the Floodplain</li> <li>The permit for</li> <li>The permit will</li> </ul>	Management Ordinance; m will be posted in a conspicuous place on the premises ll expire if no work is commenced within 180 days of iss at all the statements in, and in the attachments to this perm	ed or a new permit is issued; r use any premises described for any purposes or in any cipality; o enter and inspect activity covered under the provisions of in plain view; and, uance.
Owner:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Issued by:	Recommended but not required by the FPMO	Date: Recommended but not required by the FPMO

### FLOOD HAZARD DEVELOPMENT PERMIT For FLOODPROOFING

### Non-Residential Structures Community Name, Maine

This Flood Hazard Development Permit allows Floodproofing of Non-residential Structures in a Special Flood Hazard Area.

Floodproofing means any combination of structural and non-structural additions, changes or adjustments to structures which reduce or eliminate flood damage to real estate or improved real property, water and sanitary facilities, structures and contents. This permit is issued based on documentation that the information provided in the Flood Hazard Development Permit Application is in compliance with the Floodplain Management Ordinance. [Article V.F.2.]

If the floodproofing is to serve as a method of bringing a structure into compliance with National Flood Insurance Program (NFIP) elevation requirements:

- All standards required by NFIP 44 CFR 60.3(c)(3) and all standards required by Article VI.G. of the Floodplain Management Ordinance must be met; and
- The application for this permit must include a FEMA Floodproofing Certificate (Form 81-65) signed by a registered professional engineer or architect certifying that the design and methods of construction will be in accordance with accepted standards of practice for meeting the provisions of NFIP 44 CFR 60.3(c)(3) as well as Article VI.G. of the Floodplain Management Ordinance. [Article VI.G. and NFIP Reg Part 60.3(c)(4)]

A Flood Hazard Development Permit for Floodproofing is hereby issued as provided under Article V.F. of the Floodplain Management Ordinance of <u>Community Name</u>, Maine, for development as defined in said ordinance.

Гах Мар:	Lot #:
Recommended but not required	<u>by the FPMO]</u>

#### The permittee understands and agrees that:

- The permit is issued on the representations made herein and on the application for permit;
- The permit may be revoked because of any breach of representation;
- Once a permit is revoked all work shall cease until the permit is reissued or a new permit is issued;
- The permit will not grant any right or privilege to erect any structure or use any premises described for any purposes or in any manner prohibited by the ordinances, codes, or regulations of the municipality;
- The permittee hereby gives consent to the Code Enforcement Officer to enter and inspect activity covered under the provisions of the Floodplain Management Ordinance;
- The permit form will be posted in a conspicuous place on the premises in plain view; and,
- The permit will expire if no work is commenced within 180 days of issuance.

I hereby certify that all the statements in, and in the attachments to this permit are a true description of the existing property and the proposed development project.

Owner:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
or		
Authorized Agent:	Recommended but not required by the FPMO Signature	Date: <u>Recommended but not required by the FPMO</u>
Issued by:	Recommended but not required by the FPMO	Date: <u>Recommended but not required by the FPMO</u>
Permit #:	Recommended but not required by the FPMO	

### **CERTIFICATE OF COMPLIANCE**

### Community Name, Maine

Owner: <u>Recommended but not required by the</u>	he FPMO
Address: <u>Recommended but not required by t</u>	the FPMO
Tax Map: Lot #: [Recommended but not required by the FPMO]	
Location of Property:	
The development described above has been construct  (City/Town) of	cted in compliance with the Floodplain Management Ordinance for the
A variance □ was □ was not	required for this development.
This determination is based on: $\square$ Elevation Cerprovided by: [check appropriate box] [Required]	rtificate data
☐ Professional land Surveyor  Name:  Address:	Address:
License #:	
□ Professional Engineer Name: Address:	
License #:	-
☐ On Site Inspection by Code Enforcement Officer:	: <u>Recommended but not required by the FPMO</u> Code Enforcement Officer (please print)
Signature: <u>Recommended but not required by the</u>	<u>Personantial Principal Section 2018</u> Date: <u>Recommended but not required by the FPMO</u>
Flood Hazard Development Permit #:	

### **National Flood Insurance Program** V-ZONE CERTIFICATE

[A V-Zone certification is required by the FPMO at Article VI.P.2.c]

Name	Policy Number (Insurance Co. Use)			Co. Use)
Building Address or		•	,	,
Other Description				
City		State		Zip Code
	SECTION I: Flood Insu	rance Rate Map (	FIRM) Informatio	n
Community Number	Panel Number	Suffix	Date of FIRM Index	FIRM Zone
	SECTION I NOTE: This Certificate does	II: Elevation Informs not substitute for an		
1. Elevation of the Bott	om of Lowest Horizontal	Structural Member		feet (NGVD)
2. Base Flood Elevation	n (BFE)			feet (NGVD)
3. Elevation of Lowest	Adjacent Grade			feet (NGVD)
	of Anticipated Scour/Erosi			
	f Pilings or Foundation Be		_	
	SECTION III: V	Zone Certificatio	on Statement	
	NOTE: This section must be			
<ul> <li>the BFE; and</li> <li>The pile and column for to the effects of the win associated with the base</li> </ul>	st horizontal structural member undation and structure attached d and water loads acting simult e flood. Wind loading values us erosion at the foundation has be	thereto is anchored to aneously on all building ed are those required by	resist flotation, collapse ng components. Water lo by the applicable State o	e, and lateral movement due bading values used are those r local building code. The
	SECTION IV: Breaka	away Wall Certifi	cation Statement	
	NOTE: This section must be o			
when b	oreakaway walls exceed a desig			ıare foot
	ed or reviewed the structural de be used for the breakaway walls			
<ul> <li>Breakaway wall collaps</li> <li>The elevated portion of structural damage doe t</li> </ul>	se shall result from a water load the building and supporting for to the effects of wind and water and are defined in Section III).	undation system shall	not be subject to collaps	e, displacement, or other
	SECTI	ON V: Certificati	on	
	Signature below certifi	ies: Section III;	Section IV	
Certifier's Name		T: N	Trank ou	
Street Address		License N	umb er	
City		State		Zip Code

### National Flood Insurance Program

### Hydraulic Openings Certificate

[A Hydraulic Openings certification is required by the FPMO at Article III.K.3. for all engineered hydraulic openings other than those specified by the FPMO at Article VI.L.2.b.]

I,			
		Certifier's Name	Title
		Type of License	License Number
Company Name			
Street Address			
City, State, Zip	Telephone Number		
Signature	Date		
PROFESSIONAL SEAL			